

What the invention claimed is:

1. A package shell cover layer comprising a thin sheet base material printed with a color design and molded through a hot press mold to form a semi-finished cover layer having a cover layer
5 main body and a peripheral material extended around the border of said cover layer main body, wherein an extension portion is formed of said thin sheet base material and suspended between the border of said cover layer main body and said peripheral material.

2. The package shell cover layer as claimed in claim 1,
10 wherein said extension portion slopes downwards from the border of said cover layer main body toward said peripheral material.

3. The package shell cover layer as claimed in claim 1, wherein said extension portion curves from the border of said cover layer main body toward said peripheral material.

15 4. The package shell cover layer as claimed in claim 1, wherein said thin sheet base material is a thin sheet plastic material.

5. A package shell cover layer processing procedure comprising the steps of:

- 20 a) preparing a thin sheet base material;
b) printing a color design on said thin sheet base material;
and
c) putting the printed thin sheet base material in a hot press

mold, and then molding the printed thin sheet base material into a semi-finished product having a cover layer main body, a peripheral material extended around the border of said cover layer main body, and an extension portion suspended between the border of said
5 cover layer main body and said peripheral material, and then cutting the border area of said cover layer main body to separate said cover layer main body from said extension portion and said peripheral material after removal of said semi-finished product from said hot press mold.

10 6. The package shell cover layer processing procedure as claimed in claim 5, wherein said hot press mold is comprised of a male die and a female die, defining therein a cavity having a cover layer molding area adapted to mold a middle part of said thin sheet base material into said cover layer main body and an extension
15 portion molding area adapted to mold a part of said thin sheet base material into said extension portion.

 7. The package shell cover layer processing procedure as claimed in claim 5, wherein said hot press mold is comprised of a single die defining therein a cavity having a cover layer molding
20 area adapted to mold a middle part of said thin sheet base material into said cover layer main body, and an extension portion molding area adapted to mold a part of said thin sheet base material into said extension portion.